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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 1642  
Examiner : Bansal, G  
Serial No. :  
Filed : Herewith  
Inventors : Fabrice DuPrat



22469

Title

: Florian LeSage  
: Michel Fink  
: Michel Lazdunski  
: FAMILY OF MAMMALIAN  
: POTASSIUM CHANNELS,  
: THEIR CLONING AND THEIR USE,  
: ESPECIALLY FOR THE SCREENING  
: OF DRUGS

Docket: 1201-CIP-DIV-2-00

Dated: August 24 2001

PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, DC 20231

Sir:

Before calculation of the claims and action on the merits of the case, Applicants respectfully request that the claims be amended as follows:

Version with Markings Showing Changes to the Claims

29. (Amended) A transgenic animal which comprises an isolated and purified nucleic acid molecule coding for a protein having a potassium (K<sup>+</sup>) permeable membrane, comprising more than one P domains and three, four, five or more than six transmembrane segments [the nucleic acid sequence of claim 1 ] encoding a potassium transport channel.

33. (Amended) A pharmaceutical composition for the treatment of diseases caused by a defective potassium transport or a deficiency of the potassium transport protein comprising an isolated and purified nucleic acid molecule coding for a protein having a potassium (K<sup>+</sup>) permeable membrane, comprising more than one P domains and three, four, five or more than six transmembrane segments [the nucleic acid of claim 1] or a prokaryote or eukaryote cell with a self-replicating vector comprising said nucleic acid molecule [the

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